

## ABSTRACT

The invention relates to a method for registration, identifying and processing of drug specific data and for making drugs available to individual patients without severe adverse drug reactions. The invention relates also to a system for carrying out such a method. According to the present invention, the system comprises a master database correlating patterns of gene expression and genetic polymorphisms with drug-induced i. e. drug-related adverse effects and drug structure. The system also comprises a predictive data-tool. In this tool the structural and genetic fingerprints predictive for adverse effects in individual patients due to treatment with a selected drug are stored. The method according the invention is characterised in that the master database being coupled to the database of the predictive data-tool in such a way that a user of the system can develop and carry out different screening approaches either to verify the sociability of drugs for a specific selected category of patients or to search a specific drug for a selected category of patients which do not have adverse drug reactions or to make risk-analyses.

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